

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/051796

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G71/04 C08K7/04 C08K9/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 197 849 B1 (ZILG CARSTEN ET AL) 6 March 2001 (2001-03-06) column 7, line 63 - column 10, line 48 claims 10-15	1-15
A	FIGOVSKY O L ET AL: "Nonisocyanate polyurethanes for adhesives and coatings" CONFERENCE PROCEEDINGS ARTICLE, 21 October 2001 (2001-10-21), pages 257-264, XP010570107 page 261, column 1 - page 262, column 2 ----- -/--	1-15

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

1 December 2004

Date of mailing of the international search report

16/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHEN T K ET AL: "SYNTHESIS AND CHARACTERIZATION OF NOVEL SEGMENTED POLYURETHANE/CLAY NANOCOMPOSITE VIA POLY(EPSILON-CAPROLACTONE)/CLAY" JOURNAL OF POLYMER SCIENCE, POLYMER CHEMISTRY EDITION, JOHN WILEY AND SONS. NEW YORK, US, vol. 37, no. 13, 1 July 1999 (1999-07-01), pages 2225-2233, XP000829813 ISSN: 0360-6376 page 2225, column 2 - page 2226, column 1 -----	1-15
A	ZILG C ET AL: "POLYURETHANE NANOCOMPOSITES CONTAINING LAMINATED ANISOTROPIC NANOPARTICLES DERIVED FROM ORGANOPHILIC LAYERED SILICATES" ADVANCED MATERIALS, VCH VERLAGSGESELLSCHAFT, WEINHEIM, DE, vol. 11, no. 1, 7 January 1999 (1999-01-07), pages 49-52, XP000790791 ISSN: 0935-9648 page 49, column 1 - page 51, column 2 -----	1-15
A	US 5 175 231 A (RAPPOPORT LEONID ET AL) 29 December 1992 (1992-12-29) cited in the application column 2, line 5 - column 4, line 45 -----	1-15

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051796

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6197849	B1	06-03-2001	BR 9908120 A	24-10-2000
			CN 1297470 T	30-05-2001
			DE 69907162 D1	28-05-2003
			DE 69907162 T2	19-02-2004
			WO 9942518 A2	26-08-1999
			EP 1060211 A2	20-12-2000
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US 5175231	A	29-12-1992	AU 4106293 A	18-11-1993
			WO 9321251 A1	28-10-1993